| Index of Claims | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | |

| App | lication | /Control | No. |
|-----|----------|----------|-----|
| | | | |

10/629,208

Date

Examiner

Applicant(s)/Patent under Reexamination OZAWA ET AL.

Art Unit

Vaughn T. Coolman

3618

Rejected Allowed

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

Claim

| N | Non-Elected |
|---|--------------|
| | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| Claim Date | | | | | | | | ı | | | |
|--|--|----|----------|----------|---------------|---|----------|----------|----------|----------|----------------|
| Tell Do Pro Pro Do Do Do Do Do Do Do | Cla | im | Date | | | | | | | | |
| 1 | J " | | | <u> </u> | $\overline{}$ | ı | T | Ť | _ | Γ | Н |
| 1 | - | 밀 | ဖွ | | 6 | | | | | | |
| 1 | ≘ٰ | ġ | 14/ | Ĕ | 16 | | | | | | lΙ |
| 4 | " | Ō | 2 | 12 | 9 | | | | | | |
| 4 | | 1 | J | 1 | 1 | Н | \vdash | \vdash | | \vdash | Н |
| 4 | | 1 | Ì | Ì | Ť | | | \vdash | \vdash | _ | Н |
| 4 | | 3 | j | J | j | | \vdash | | | | H |
| 5 | | 4 | 1 | 1 | 1 | | | <u> </u> | | | H |
| 7 | \vdash | 5 | 1 | | 1 | \vdash | _ | | | | Н |
| 7 | | 6 | 1 | 1 | 1 | Г | | - | | | П |
| 8 | | 7 | 1 | 1 | 1 | | | | | | П |
| 9 | | | 1 | 1 | V | | | | | | П |
| 11 N N N N 1 12 V V V V 1 13 V V V V 1 15 V V V V V 1 15 V V V V V V | | 9 | | 1 | ١- | | | | | | |
| 11 N N N N 1 12 V V V V 1 13 V V V V 1 15 V V V V V 1 15 V V V V V V | | 10 | | 1 | | | | | | | |
| 13 | | 11 | N | Ν | Ν | | | | | | |
| 19 | | 12 | 1 | | 1 | | | | | | |
| 19 | | 13 | 1 | 1 | 1 | | | | | | |
| 19 | | 14 | | | | | | | | | |
| 19 | | 15 | | | | | ļ | | | | |
| 19 | | 16 | N | N | N | <u>. </u> | <u> </u> | | | | Ш |
| 19 | | 17 | 1 | 1 | 1 | | | | | L | Ш |
| 20 | | 18 | | | | | | _ | | | Ш |
| 21 √ √ √ 22 √ √ √ 23 √ √ √ 24 √ √ √ 25 | | 19 | 1 | 1 | Ļ | $ldsymbol{le}}}}}}$ | | | | <u> </u> | Ц |
| 22 | | 20 | 1 | | 1 | <u> </u> | | | | <u> </u> | Ш |
| 24 | ļ | 21 | 1 | | 1 | | | | _ | L | Щ |
| 24 | | 22 | 1 | ٧ | 1 | | | | _ | | Ш |
| 25 | <u> </u> | 23 | | | | _ | _ | | _ | <u> </u> | Щ |
| 27 | | 24 | ٧ | ٧ | 7 | Ш | _ | | | ļ | Ш |
| 27 | <u> </u> | 25 | _ | _ | _ | \vdash | | | | <u> </u> | Н |
| 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 49 | | 26 | _ | _ | <u> </u> | _ | _ | _ | _ | L | Ш |
| 30 31 32 33 34 35 36 37 38 39 40 40 41 42 42 43 44 44 45 45 46 47 48 49 49 | | 27 | | L | <u> </u> | l- | | _ | _ | <u> </u> | Н |
| 30 31 32 33 34 35 36 37 38 39 40 40 41 42 42 43 44 44 45 45 46 47 48 49 49 | <u> </u> | 28 | | | H | H | | | | <u> </u> | $\vdash\vdash$ |
| 32 33 34 35 36 37 38 39 40 41 42 43 43 44 45 46 47 48 49 | <u> </u> | 29 | H | - | <u> </u> | - | - | _ | | - | H |
| 32 33 34 35 36 37 38 39 40 41 42 43 43 44 45 46 47 48 49 | \vdash | 30 | \vdash | H | \vdash | \vdash | - | - | - | ├ | \vdash |
| 33 34 34 35 35 36 37 38 39 39 40 41 42 42 43 44 44 45 46 47 48 49 49 | | 31 | H | H | H | | _ | _ | _ | ⊢ | Н |
| 34 | | 33 | | \vdash | \vdash | | \vdash | \vdash | \vdash | \vdash | H |
| 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 | | 34 | - | | - | | | \vdash | \vdash | \vdash | Н |
| 36 37 38 39 40 40 41 42 42 43 44 44 45 45 46 47 48 49 49 | - | | - | - | - | - | \vdash | \vdash | \vdash | \vdash | Н |
| 38 39 40 41 41 42 43 44 44 45 46 47 48 49 49 | \vdash | 36 | \vdash | \vdash | - | | - | \vdash | \vdash | \vdash | Н |
| 38 39 40 41 41 42 43 44 44 45 46 47 48 49 49 | \vdash | 37 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | H |
| 39 | | 38 | | Н | \vdash | \vdash | \vdash | \vdash | \vdash | ╁ | \vdash |
| 40 | | 39 | \vdash | \vdash | \vdash | | _ | | \vdash | \vdash | Н |
| 41 | | | | | - | | | | | \vdash | \vdash |
| 42 43 44 45 46 47 48 49 | | | | Г | | | Г | | \vdash | \vdash | Н |
| 43 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | | | | | | | | | H |
| 44 | | | | П | | | Г | Г | | | |
| 45 46 47 48 49 49 | | | _ | | | \vdash | Г | \vdash | | \vdash | П |
| 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49 | | | | \Box | | П | | | | | П |
| 47 48 49 | | | | П | | | | | | | П |
| 48 49 | | | | | | П | Г | | · | | П |
| 49 | | 48 | | | | | | | | | |
| | | 49 | | | | | | | | | |
| | | | | | | | | | | | |

| h | | | _ | $\overline{}$ | | | $\overline{}$ | | | | $\overline{}$ |
|-----|-------|----------------------|----------|---------------|----------|------------|---------------|----------|---------------|----------|---------------|
| | Final | Original | | | | | | : | | | |
| L | | | | | | | | | | | |
| - [| | 51 | | | | | - | | | 1 | |
| Γ | | 52 | | | Г | | | | Г | | |
| ı | | 53 | | | | | | | | | |
| t | | 51 52 53 54 | | | | | | | | | |
| ŀ | | 55 | | | \vdash | | | _ | \vdash | | |
| t | | 56 | _ | _ | \vdash | | | | $\overline{}$ | | |
| . | | 57 | | | \vdash | - | \vdash | | - | | |
| ŀ | - | 58 | | | | | | | | | \vdash |
| ŀ | | 58 59 | | | | _ | \vdash | | _ | | |
| ŀ | | 60 | | | | _ | - | | <u> </u> | | |
| ŀ | | 61 | | | | | | | _ | | |
| ŀ | | 61 62 | | | | Н | | | Н | | _ |
| ŀ | | 63 | | | | Н | \vdash | | \vdash | | |
| ŀ | | 64 | \vdash | _ | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | Т |
| ŀ | | 65 | | | | _ | | _ | _ | | Т |
| ŀ | | 66 | | Н | | Т | Т | Т | \vdash | | |
| ŀ | | 67 | Н | _ | \vdash | \vdash | \vdash | _ | \vdash | | Т |
| ŀ | | 68 | | _ | | | _ | | \vdash | | |
| ŀ | | 69 | - | \vdash | _ | | | | \vdash | | |
| ŀ | | 70 | | _ | | | | | | | |
| t | _ | 70 71 | | \vdash | | | $\overline{}$ | _ | Г | | |
| t | | 72 | | \vdash | \vdash | | \vdash | | | | |
| ı | | 72 73 74 | | | | _ | | _ | | | |
| ı | | 74 | | | | | | | | | |
| Ī | | 75 | | | | | | | | | |
| | | 75 76 77 | | | | | | | | | |
| | | 77 | | | | | | | | | |
| . [| | 78 79 | | | | | | | | | |
| | | 79 | | | | | | | | | |
| | | 80 | | | Ш | | | | | | |
| | | 81 | | | | | | | | | |
| | | 82 | | | | | | | | | |
| | | 83 | | | | | | | | | |
| | | 84 | | | | | | | | | |
| · | | 85 | | | | | <u> </u> | | oxdot | | Ш |
| L | | 86 87 | | Щ | | | _ | | | | _ |
| ļ | | 87 | | <u> </u> | <u> </u> | \sqcup | _ | <u> </u> | <u> </u> | _ | |
| - | | 88 | | L | <u> </u> | <u> </u> | L_ | L | | \vdash | Ш |
| - | | 89 | | L. | | <u> </u> | | <u> </u> | | <u> </u> | <u> </u> |
| - | | 90 | | H | <u> </u> | <u> — </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| - | | 91 | | | <u> </u> | <u> </u> | - | \vdash | <u> </u> | \vdash | <u> </u> |
| ŀ | | 92 | | \vdash | <u> </u> | \vdash | _ | <u> </u> | <u> </u> | \vdash | <u> </u> |
| ŀ | | 93 | - | <u> </u> | _ | - | | - | | \vdash | \vdash |
| ŀ | | 94 95 | | | - | \vdash | | _ | <u> </u> | \vdash | <u> </u> |
| ŀ | | 96 | | \vdash | <u> </u> | H | H | | H- | | H |
| ŀ | | 97 | | | \vdash | \vdash | \vdash | _ | | | \vdash |
| H | | 98 | | | - | H | \vdash | H | - | \vdash | \vdash |
| ŀ | | 99 | | H | | | | | \vdash | | |
| t | | 100 | \vdash | | | _ | Н | | \vdash | \vdash | |
| - 1 | | | | | | | | | | | |

| Cla | aim | Date | | | | | | | | |
|-------------|--|----------|----------|---------------|----------|----------|--------------|--------------|----------|--------------|
| | | l - | l | | | | | | | Г |
| Final | Original | | | | | | | | | |
| | 101 102 103 104 | | | | | | | | | |
| | 102 | | | | | | | | | |
| | 103 | | L | L | _ | | _ | Ŀ | | |
| | 104 | _ | <u> </u> | L | | | _ | | | $oxed{oxed}$ |
| | 105 106 | | <u>_</u> | _ | L | <u> </u> | ļ | | L., | _ |
| | 106 | <u> </u> | <u> </u> | L_ | ļ | | ļ | | | |
| | 107 | L | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | | | |
| | 108 | ┝ | | ⊢ | | <u> </u> | ┝ | _ | | |
| | 110 | ├─ | - | ⊢ | ├ | ┢ | - | - | - | |
| - | 111 | - | \vdash | \vdash | \vdash | | - | - | | - |
| - | 112 | \vdash | \vdash | \vdash | \vdash | | \vdash | \vdash | H | \vdash |
| | 113 | \vdash | \vdash | \vdash | | | | \vdash | - | Н |
| | 114 | | Г | | | | Г | Г | П | |
| | 115 | | | | | | | | | |
| | 108 109 110 111 112 113 114 115 116 117 | | | | | | | | | |
| | 117 | | | | | | | | | |
| | 118 | | | | | | L | L | | |
| | 119 120 121 | <u> </u> | | <u> </u> | _ | | L_ | | | |
| | 120 | <u></u> | _ | _ | _ | L | <u> </u> | <u> </u> | | $oxed{oxed}$ |
| | 121 | _ | <u> </u> | L | <u> </u> | _ | | | _ | |
| | 122 | _ | _ | _ | <u> </u> | <u> </u> | <u> </u> | L | | <u> </u> |
| | 123 | _ | | <u> </u> | - | - | | <u> </u> | | |
| | 124 | | - | - | ⊢ | - | ┝ | ┝ | | |
| | 125 | H | - | - | ┝ | - | ┝ | | | - |
| | 127 | | | | \vdash | | | - | - | |
| | 122 123 124 125 126 127 128 129 130 131 | \vdash | | \vdash | \vdash | | - | - | \vdash | - |
| | 129 | | | _ | | | | | - | |
| | 130 | | | $\overline{}$ | | | \Box | \Box | | |
| | 131 | | | | | | | | | |
| | 132 | | | | | | | | | |
| | 133 | | | <u></u> | 匚 | | | <u> </u> | | |
| | 133 134 135 | | _ | _ | <u> </u> | L | L | _ | | ļ |
| | 135 | \vdash | | <u> </u> | ╙ | _ | <u> </u> | <u> </u> | _ | |
| | 136 137 138 139 | <u> </u> | \vdash | _ | - | _ | | | | - |
| | 137 | | | <u> </u> | ┡ | | | - | | |
| | 130 | \vdash | | | ├─ | \vdash | \vdash | \vdash | | |
| | 140 | | \vdash | \vdash | - | - | ├ | ├─ | | - |
| | 141 | - | - | \vdash | <u> </u> | \vdash | \vdash | | - | H |
| | 142 | | | | | | - | <u> </u> | - | |
| | 143 | \vdash | | <u> </u> | \vdash | П | Г | Ι. | | |
| | 144 | | | Γ | Г | | | Ė | _ | |
| | 145 | | | | | | | | | |
| | 146 | | | | | | | | | |
| | 147 | Ŧ | | | | | | | | |
| | 148 | - | | | | | | | | |
| | 149 | | | | | | <u> </u> | | | |
| | 150 | | L | | | | L_ | | | |